

AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1-2. Cancelled.

3. (Currently amended) The isolated nucleic acid molecule of Claim ~~1~~ 4 ~~having a sequence wherein the nucleic acid sequence has at least 50% sequence identity with a sequence~~ selected from the group consisting of any of SEQ ID NOs:1, 3, 5, 7, ~~and 9, 18, 19 and 21.~~

4. (Currently amended) ~~The~~ An isolated nucleic acid molecule ~~of Claim 1 wherein the nucleic acid sequence that~~ encodes an insect p53 polypeptide comprising an amino acid sequence selected from the group consisting of: RICSCPGRD (SEQ ID NO:23), KICSCPGRD (SEQ ID NO:24), RVCSCPGRD (SEQ ID NO:25), KVCSCPGRD (SEQ ID NO:26), RICTCPGRD (SEQ ID NO:27), KICTCPGRD (SEQ ID NO:28), RVCTCPGRD (SEQ ID NO:29), KVCTCPGRD (SEQ ID NO:30), FXCKNSC (SEQ ID NO:31) and FXCQNSC (SEQ ID NO:32), wherein X is any amino acid.

5-6. Cancelled

7. (Currently amended) The isolated nucleic acid molecule of Claim ~~1~~ 4 ~~wherein the nucleic acid sequence encodes a said insect p53 polypeptide comprises an amino acid sequence selected from the group consisting of having at least 50% sequence identity with~~ any of SEQ ID NOs 2, 4, 6, 8, and 10.

8-10. Cancelled

11. (Currently amended) A vector comprising the nucleic acid molecule of Claim ~~1~~ 4.

12. A host cell comprising the vector of Claim 11.

13. (Currently amended) A process for producing a p53 polypeptide comprising culturing the host cell of Claim 8 12 under conditions suitable for expression of the p53 polypeptide and recovering the polypeptide.

14-28. Cancelled